

DEV260

Windows Forms:

**Overview Of New Features
And ClickOnce Deployment
In Visual Studio 2005**

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Agenda

- **Goals**
- **New Features (mostly demonstrations)**
 - **Run time**
 - **Design Time, Layout, and Configuration**
 - **Data**
- **Deployment**
- **Questions**

Windows Forms 2.0

Goals

- **Bring the ease and reliability of Web application deployment to client applications**
- **Professional Look and Feel**
 - New controls and enhancements
- **Simplify client application development**
 - Simplify working with data
 - Fewer lines of code
 - Fewer clicks

New Runtime Features (Controls)

- Professional ToolBars and Menus (ToolStrip)
- Data Controls
 - DataGridView (new Grid Control)
 - DataContainer (now DataConnector)
- Splitter Container
- Web Browser
- **MaskedEdit**
- Grid and Flow Layout

Runtime Features (Other)

- **Client Configuration**
 - Read/Write User Settings
 - Read Only Application Settings
- **Asynchronous Component**
- **Sound API**
- **Improved Printing API**
- **XP control and Operating System features**
- **Enhanced Existing Controls**

demo

Building Professional Applications

New Designer Features

- **Design Time**
 - **In-situ Property Editing**
 - **Smart Tasks**
 - **Designer Layout Assistance and Usability**
 - **Hide Initialize Component**
 - **User Control Container**

Other New Features

- **Layout**
 - **Table and Flow Layout Controls**
- **Configuration**
 - **Read/Write User Configuration Settings**
 - **Read Only Application Settings**

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Design Time, Layout, And Configuration

New Data Features

- **Goal: Simplify and enhance data access**
- **New Data controls**
 - **DataGridView Control**
 - **DataConnector Component**
- **Data Design Time**
 - **Data Bases**
 - **Web Services**
 - **Business Objects**

demo

Working With Data

“ClickOnce” Deployment

- **Background: Deployment blocker for building client apps; Began work in 1.0 and 1.1**
- **Goal: Make smart client deployment as easy as Web Deployment**
 - **“ClickOnce”**
 - **Offline**
 - **Desktop Integration**
 - **Permission elevation**

demo

Deployment

Community Resources

Attend a free chat or web cast

<http://www.microsoft.com/communities/chats/default.mspx>

<http://www.microsoft.com/usa/webcasts/default.asp>

List of newsgroups and forums

<http://windowsforms.net>

Microsoft Community Sites

<http://windowsforms.net>

<http://www.microsoft.com/communities/default.mspx>

Locate Local User Groups

<http://www.microsoft.com/communities/usergroups/default.mspx>

Community sites

<http://www.microsoft.com/communities/related/default.mspx>

Session Evaluation

Please fill out a session evaluation on CommNet

Q1: Overall satisfaction with the session

Q2: Usefulness of the information

Q3: Presenter's knowledge of the subject

Q4: Presenter's presentation skills

Q5: Effectiveness of the presentation

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